

U.S. Patent

Aug. 4, 1998

Sheet 1 of 11

5,788,178

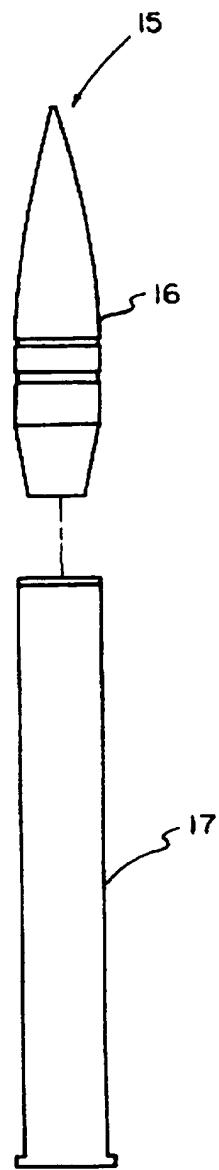


FIG. 1

PRIOR ART

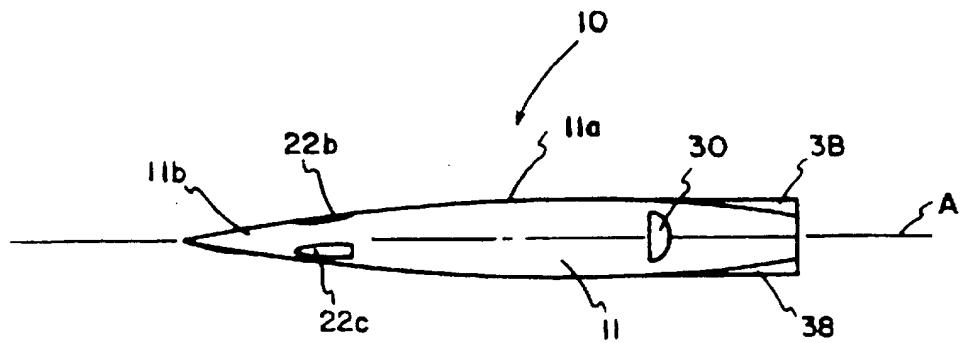


FIG. 2

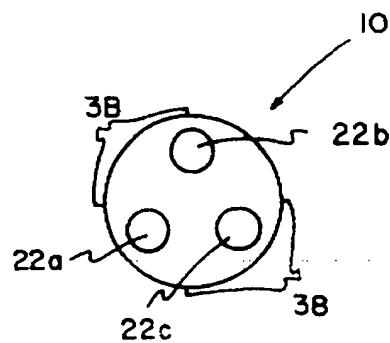


FIG. 3

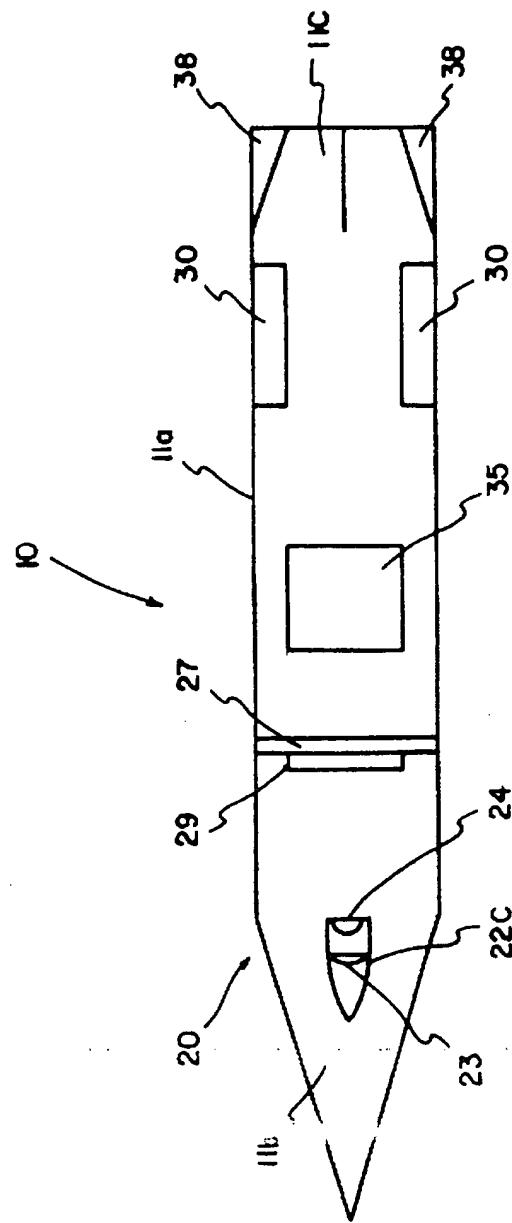


FIG. 4

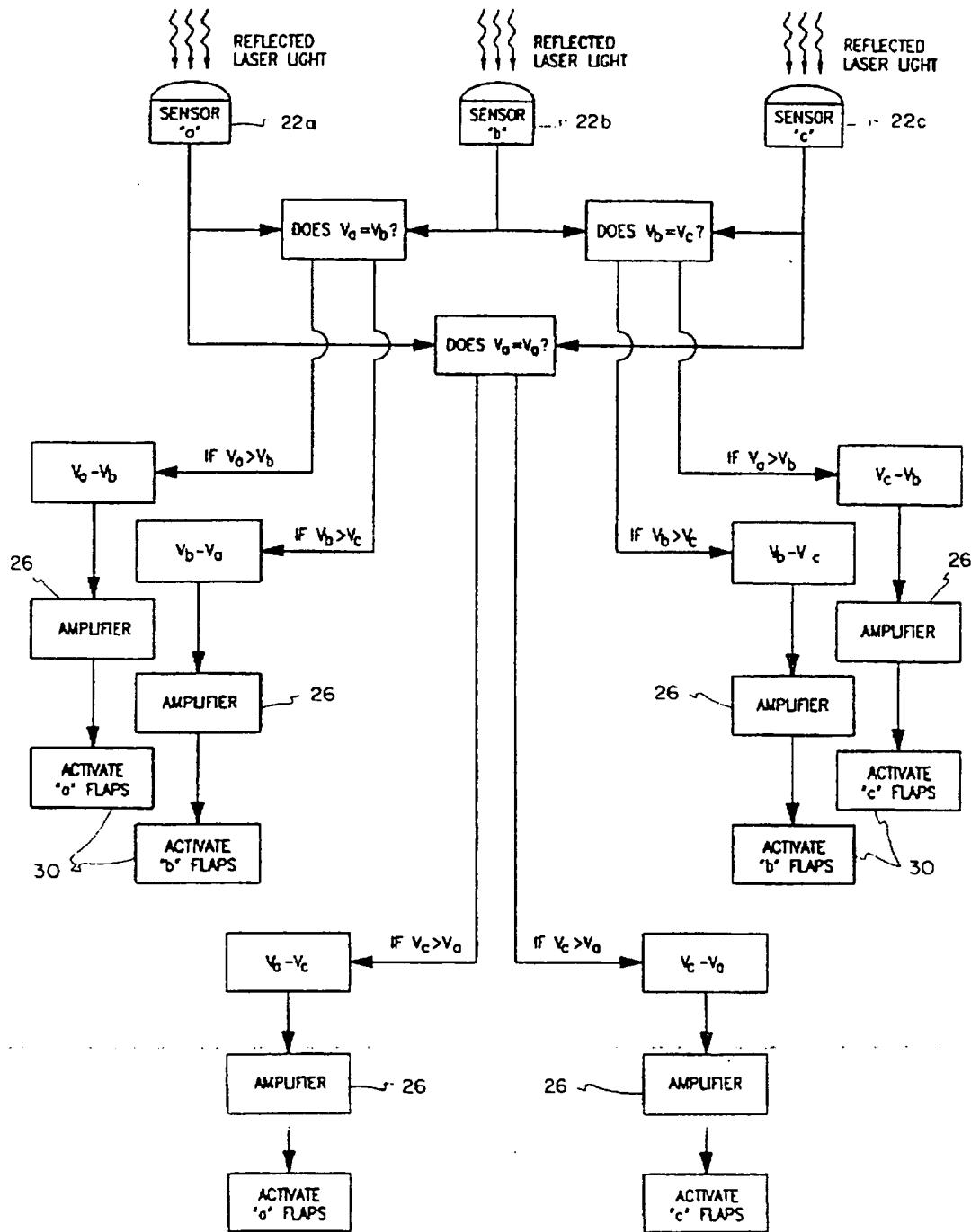


FIG.5

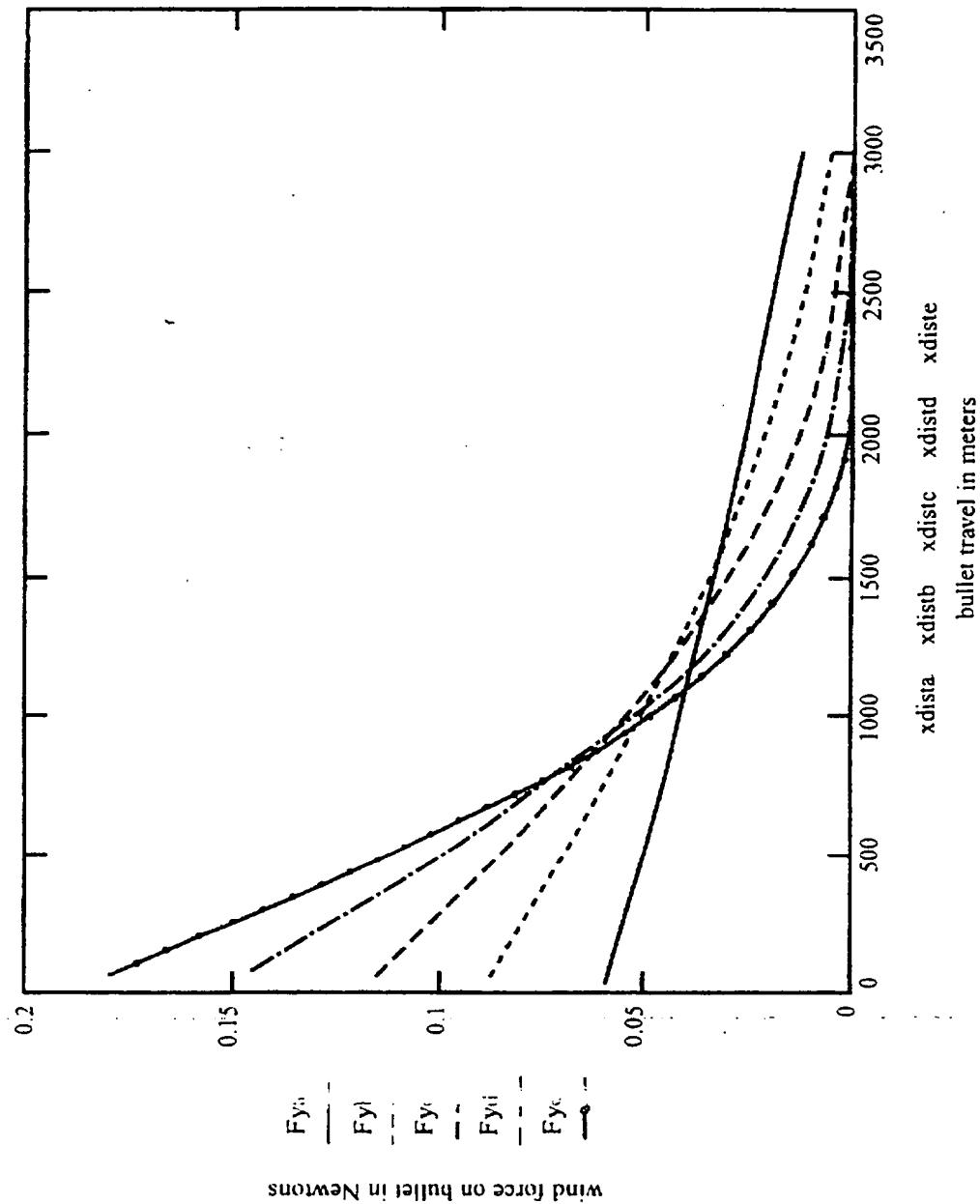


FIG. 6

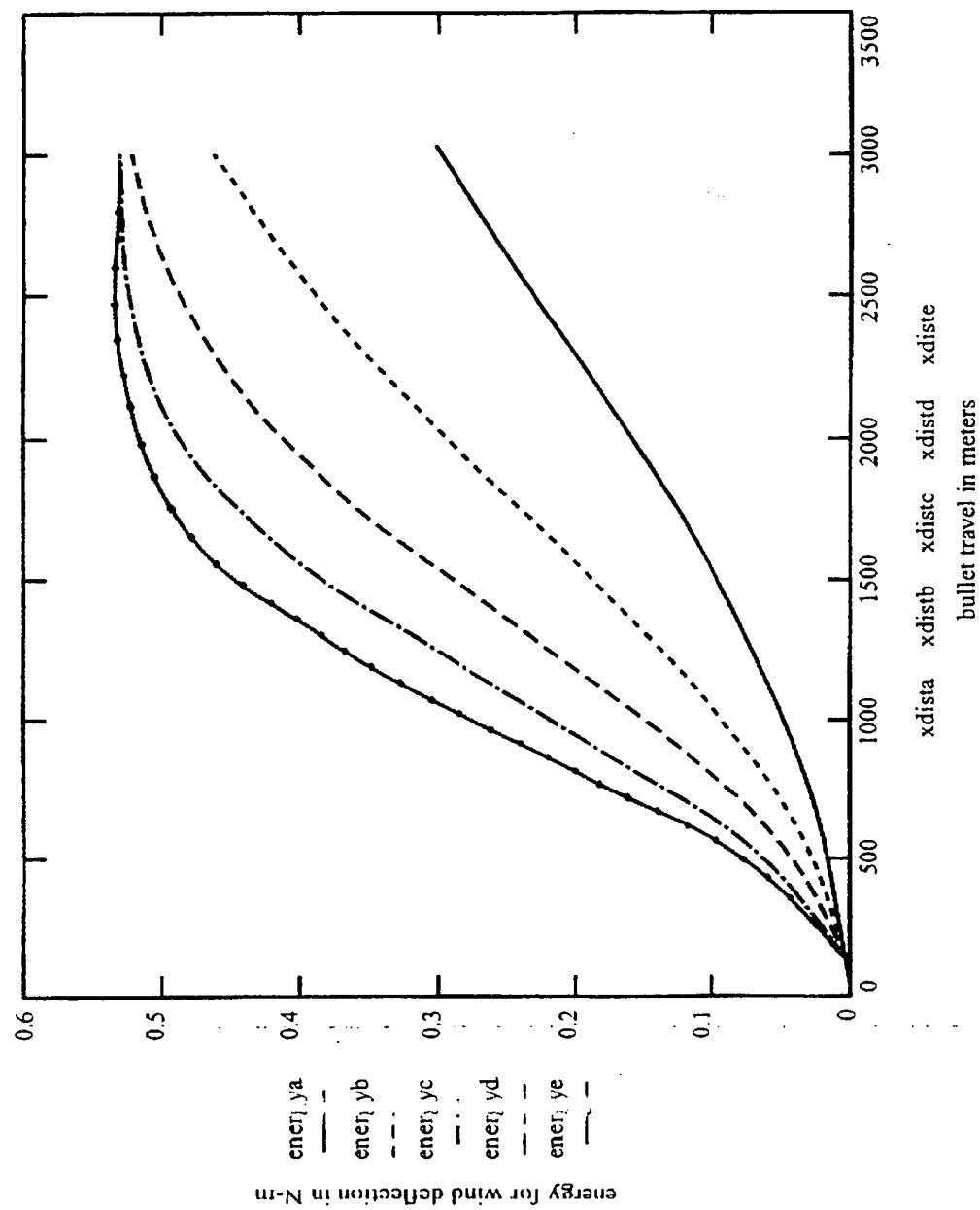


FIG. 7

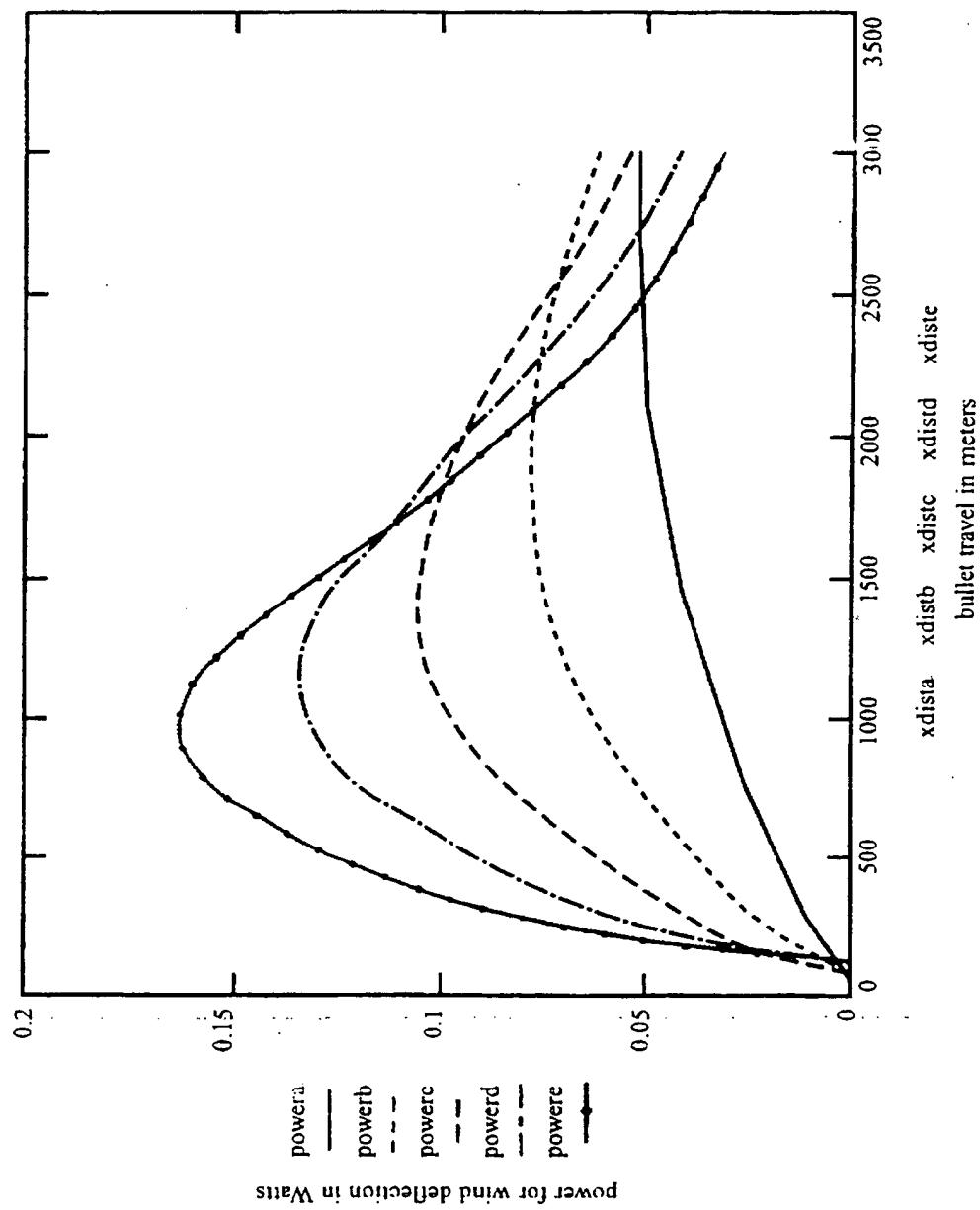


FIG. 8

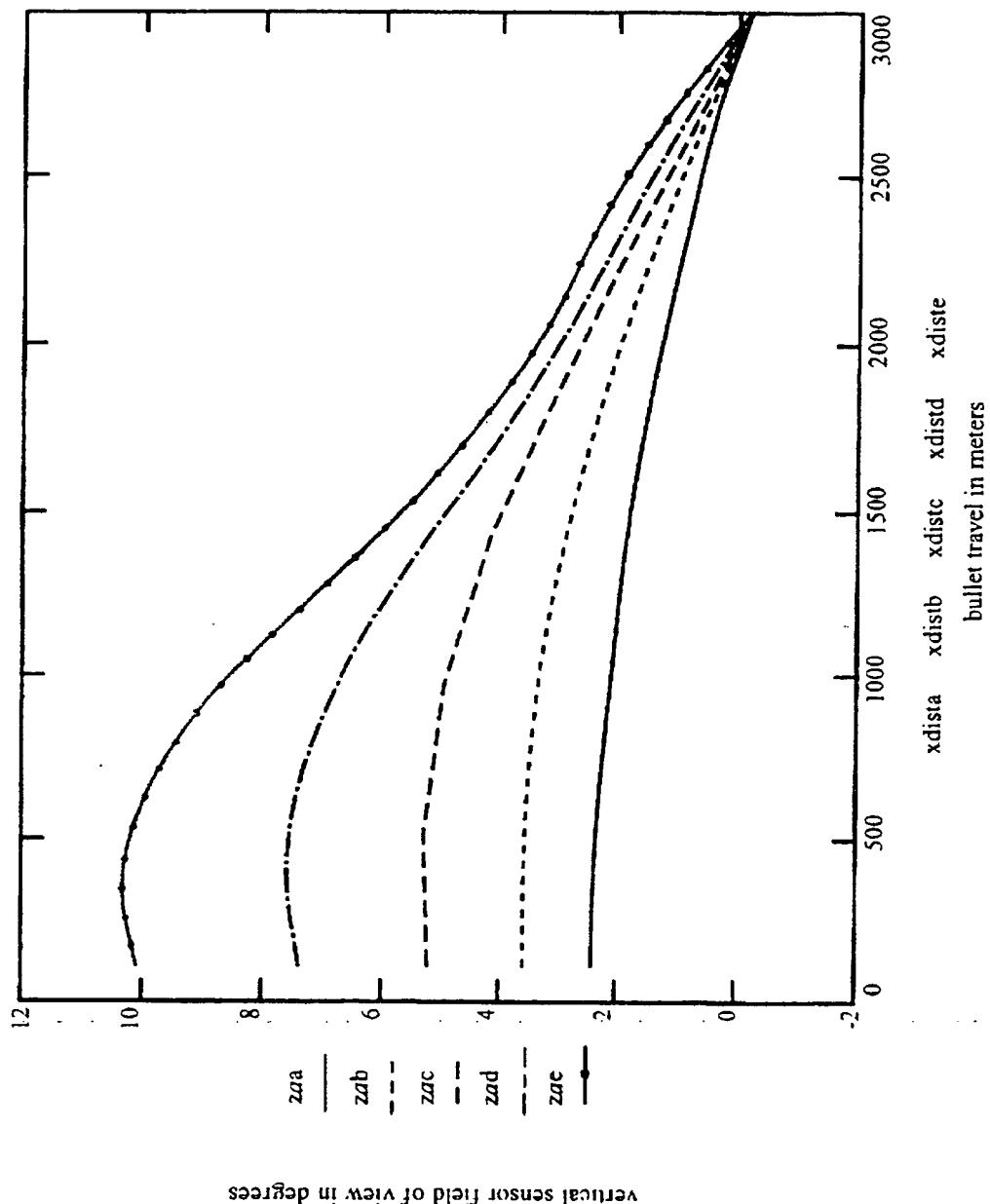


FIG. 9

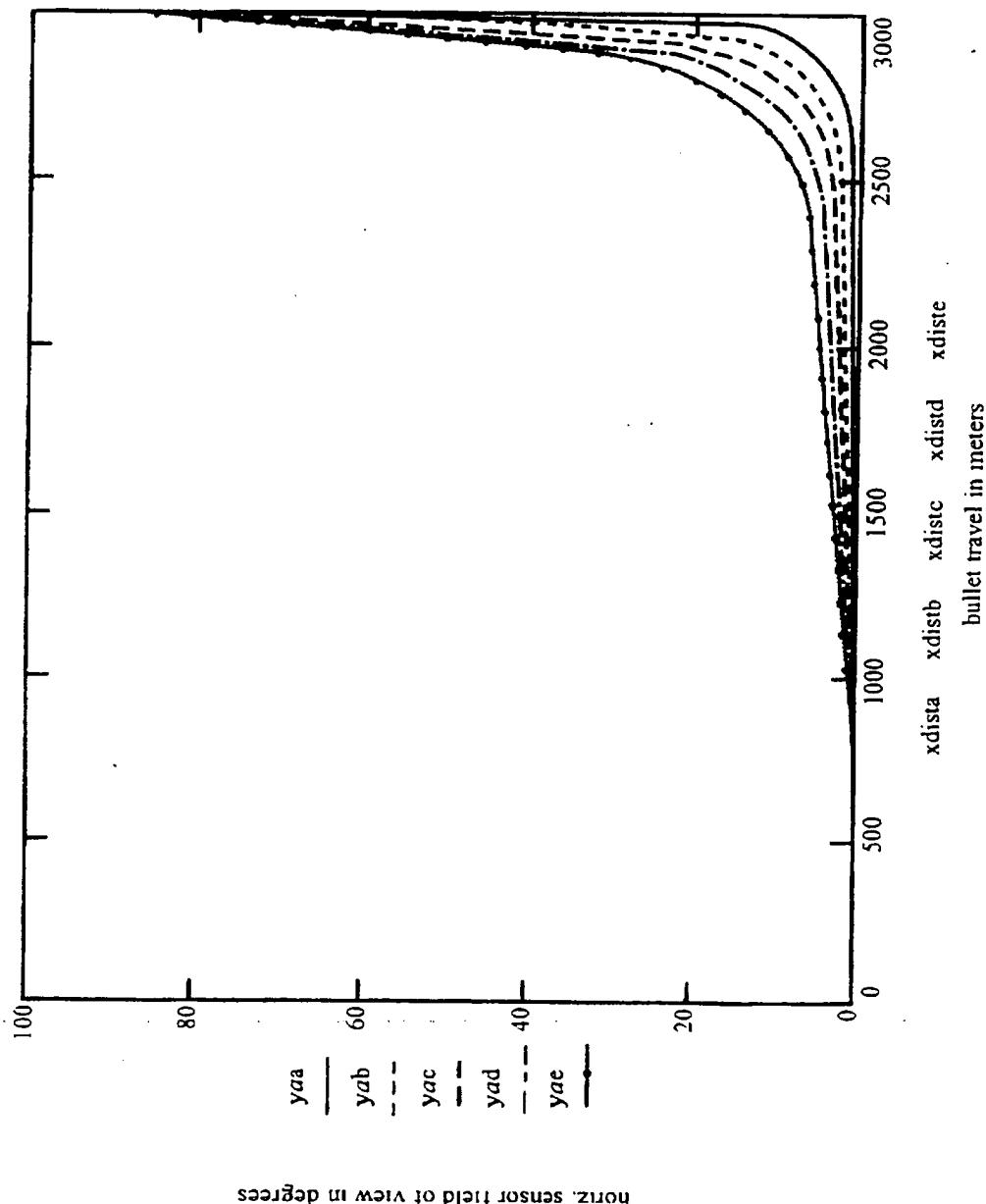


FIG. 10

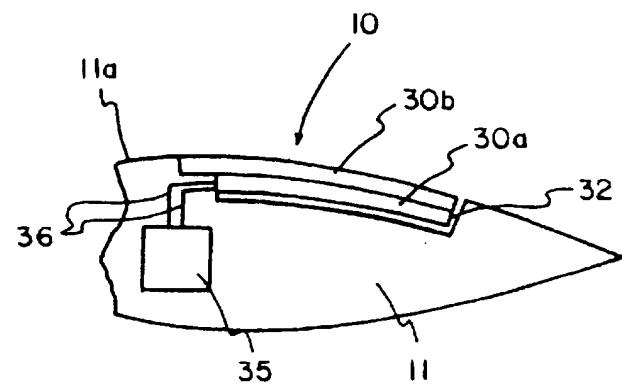


FIG. II A

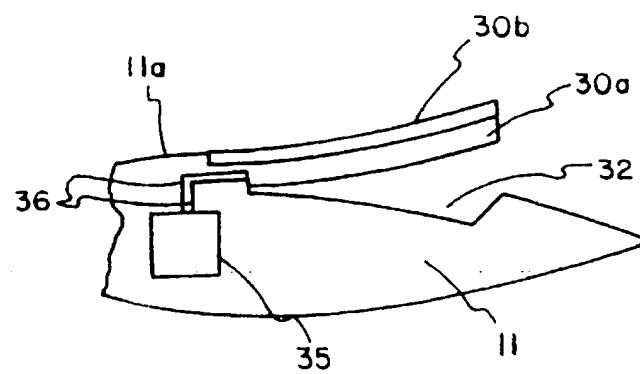


FIG. II B

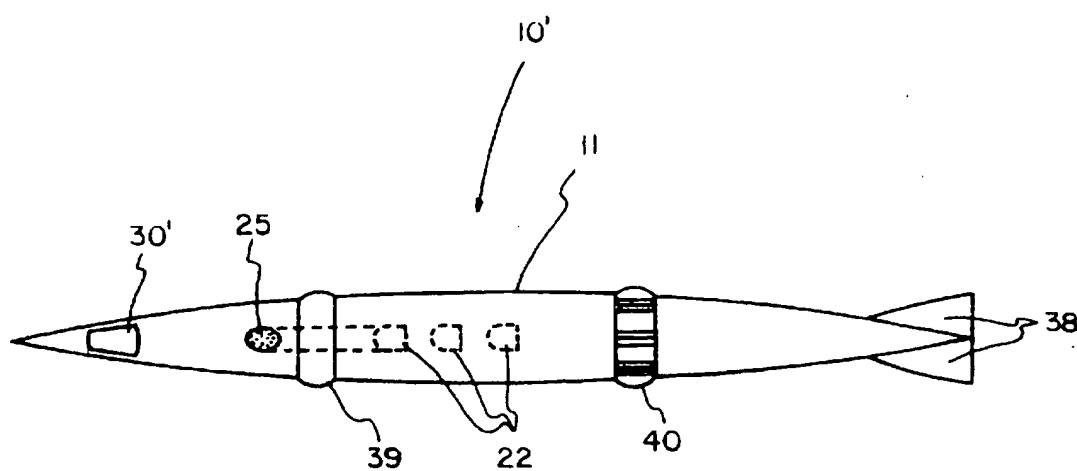


FIG. 12

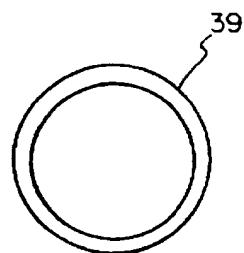


FIG. 13

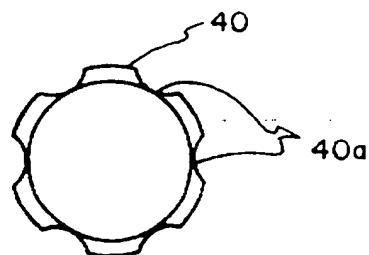


FIG. 14